



BIRD-FLIGHT™ DIVERTER

The **BIRD-FLIGHT Diverter (BFD)** is designed to make overhead lines and guyed structures visible to birds and provides an economical means of reducing the hazard to both lines and birds.

The **Plastic BFD** is manufactured from rigid, high-impact PVC possessing excellent chemical resistance and tensile strength properties. The BFD will retain good physical characteristics over a range of temperatures.

The **Galvanized BFD** is designed to make guyed structures more visible to birds and provide an economical means of reducing the hazard to both lines and birds. The diverter's positive grip on the cable ensures that it remains in the applied position and will not move along the cable under aeolian vibration or other conditions.

FEATURES AND BENEFITS

- Lightweight, economical, and easily applied by hand or hot stick
- Positive grip prevents product from moving along the span
- Long service life without deterioration of material properties
- Minimal wind resistance
- Manufactured from gray or yellow high-impact PVC with UV protection or aluminum alloy for high temperature requirements (contact PLP for other color/voltage options)
- Meets **UL 94 V-0** flammability requirements
- For severe icing conditions, the Galvanized BIRD-FLIGHT Diverter is recommended

SPACING

Horizontal Line Layout



For optimal results, spacing distances are generally recommended at 15-foot intervals, depending upon local conditions. Since wind resistance is very limited, a sufficient number of BIRD-FLIGHT Diverter can be used to ensure adequate visibility without creating stresses on the line. When marking adjacent spans, overall visibility is improved by staggering the placement between spans.

ORDERING INFORMATION

- For use on bare and jacketed conductors, strand, and fiber optic cables
- Contact a PLP representative for more information regarding which product to select for a specific application.

BIRD-FLIGHT Diverter

Catalog Number		Strand Size	Strand or Cable Diameter Range		Overall Length	Diverter Coil Outer Diameter	Color Code
YELLOW	GRAY		Minimum	Maximum			
		in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	
BFDMS3331	BFDMS3346	3/16	.175 (4.4)	.249 (6.3)	8.00 (203)	2.25 (57)	Black
BFDMS3155	BFDMS2921	1/4, 5/16	.250 (6.4)	.349 (8.9)	8.50 (216)	2.50 (64)	Blue
BFDMS3164	BFDMS-3355	3/8, 7/16	.350 (8.9)	.449 (11.4)	9.50 (241)	2.75 (70)	Brown
BFDMS11135	BFDMS11060				12.37 (314)	4.25 (108)	
BFDMS3341	BFDMS3366	1/2, 9/16	.450 (11.4)	.602 (15.3)	14.50 (368)	4.25 (108)	Green
BFDMS3344	BFDMS3371	5/8	.603 (15.3)	.770 (19.6)	17.00 (432)	4.25 (108)	Purple
BFDMS3345	BFDMS3376	3/4	.771 (19.6)	.858 (21.8)	15.00 (381)	4.25 (108)	Red
BFDMS3405	BFDMS11699	7/8	.859 (21.8)	.970 (24.6)	16.50 (419)	4.50 (114)	Orange
BFDMS11111	BFDMS12290	1	.971 (24.7)	1.121 (28.5)	15.50 (394)	4.25 (108)	Pink

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Catalog Number	Conductor Diameter	Overall Length	Diverter Coil Diameter	Weight per Set	Color Code
	in (mm)				
BDG-5738	3/8 (9.5)	28.00 (711)	3.50 (88.9)	0.58	Orange
BDG-5739	7/16 (11.1)	30.50 (774)	3.50 (88.9)	0.63	Green
BDG-5740	1/2 (12.7)	32.50 (825)	3.50 (88.9)	0.90	Blue
BDG-5741	9/16 (14.2)	33.50 (851)	3.50 (88.9)	0.95	Yellow
BDG-5742	5/8 (15.8)	36.50 (927)	3.50 (88.9)	1.02	Black
BDG-5743	3/4 (19.0)	38.00 (965)	3.50 (88.9)	1.07	Orange

WARNING: The Galvanized BIRD-FLIGHT Diverter is not designed to be conductive and is not for use on energized conductors. Contact a PLP representative for information on alternative products designed for energized situations.